

Title (en)

Batch dialysate conductivity adjustment in a batch dialysate preparation system

Title (de)

Justierung der Dialysatsleitfähigkeit in einem chargenweisen Dialysatsherstellungsverfahren

Title (fr)

Ajustement de la conductivité du dialysat dans un système de préparation d'une charge de dialysat

Publication

EP 0846470 B1 20030924 (EN)

Application

EP 97121592 A 19971208

Priority

US 76207296 A 19961209

Abstract (en)

[origin: EP0846470A1] A method of adjusting the final conductivity of a batch of dialysate to bring the conductivity down to a desired level is described. The batch of dialysate is prepared by mixing excess quantities (e.g., 5%) of dialysate solution chemicals with water to form a solution with a conductivity greater than that required for the particular batch. A measurement of the dialysate solution is taken. A precise volume of water is added to the dialysate solution to dilute the dialysate to the proper level. The precise volume of water is calculated from a known or estimated total system, the desired conductivity level and the actual conductivity. The resulting diluted dialysate is at the desired conductivity level. Excess dialysate which may be present in the dialysate circuit or associated tanks is then flushed to a drain. In a hemodialysis embodiment, the excess dialysate may be flushed through the dialyzer into the blood lines to rinse any pyrogens from the extracorporeal circuit. <IMAGE>

IPC 1-7

A61M 1/16

IPC 8 full level

A61M 1/14 (2006.01); **A61L 2/04** (2006.01); **A61L 2/18** (2006.01); **A61M 1/16** (2006.01); **A61M 1/36** (2006.01); **B01D 17/00** (2006.01); **B01D 17/09** (2006.01); **B01D 61/02** (2006.01); **B01D 61/04** (2006.01); **B01D 61/12** (2006.01); **B01D 61/24** (2006.01); **B01D 65/02** (2006.01); **B01D 65/10** (2006.01); **C02F 1/28** (2006.01); **C02F 1/44** (2006.01); **C02F 1/68** (2006.01); **F16K 17/04** (2006.01); **A61M 1/34** (2006.01); **A61M 39/16** (2006.01)

CPC (source: EP US)

A61L 2/04 (2013.01 - EP US); **A61L 2/18** (2013.01 - EP US); **A61M 1/16** (2013.01 - EP US); **A61M 1/1601** (2013.01 - EP US); **A61M 1/1607** (2014.02 - EP US); **A61M 1/1609** (2014.02 - EP US); **A61M 1/1649** (2014.02 - EP US); **A61M 1/165** (2014.02 - EP US); **A61M 1/1656** (2013.01 - EP US); **A61M 1/166** (2014.02 - EP US); **A61M 1/1662** (2014.02 - EP US); **A61M 1/1666** (2014.02 - EP US); **A61M 1/1668** (2014.02 - EP US); **A61M 1/1672** (2014.02 - EP US); **A61M 1/1682** (2014.02 - EP US); **A61M 1/1684** (2014.02 - EP US); **A61M 1/1686** (2013.01 - EP US); **A61M 1/1688** (2014.02 - EP US); **A61M 1/169** (2013.01 - EP US); **A61M 1/1692** (2013.01 - EP US); **A61M 1/1694** (2013.01 - EP US); **A61M 1/28** (2013.01 - EP US); **A61M 1/3434** (2014.02 - EP US); **A61M 1/3437** (2014.02 - EP US); **A61M 1/3462** (2013.01 - EP US); **A61M 1/3465** (2014.02 - EP US); **A61M 1/3626** (2013.01 - EP US); **A61M 1/3627** (2013.01 - EP US); **A61M 1/3629** (2014.02 - EP US); **A61M 1/3639** (2013.01 - EP US); **A61M 1/3641** (2014.02 - EP US); **A61M 1/3643** (2013.01 - EP US); **A61M 1/3644** (2014.02 - EP US); **A61M 1/3646** (2014.02 - EP US); **A61M 1/3647** (2014.02 - EP US); **A61M 1/3649** (2014.02 - EP US); **A61M 1/365** (2014.02 - EP US); **B01D 61/02** (2013.01 - EP US); **B01D 61/025** (2013.01 - EP US); **B01D 61/04** (2013.01 - EP US); **B01D 61/12** (2013.01 - EP US); **B01D 65/022** (2013.01 - EP US); **B01D 65/102** (2013.01 - EP US); **C02F 1/441** (2013.01 - EP US); **F16K 17/0453** (2013.01 - EP US); **A61M 1/1658** (2013.01 - EP US); **A61M 39/16** (2013.01 - EP US); **A61M 2205/12** (2013.01 - EP US); **A61M 2205/15** (2013.01 - EP US); **A61M 2205/17** (2013.01 - EP US); **A61M 2205/3317** (2013.01 - EP); **A61M 2205/3324** (2013.01 - EP); **A61M 2205/3382** (2013.01 - EP US); **A61M 2205/3386** (2013.01 - EP US); **A61M 2205/505** (2013.01 - EP US); **A61M 2205/6072** (2013.01 - EP US); **A61M 2205/705** (2013.01 - EP US); **A61M 2205/707** (2013.01 - EP US); **A61M 2205/7554** (2013.01 - EP US); **A61M 2205/7581** (2013.01 - EP US); **A61M 2206/11** (2013.01 - EP US); **B01D 2311/04** (2013.01 - EP US); **B01D 2321/08** (2013.01 - EP US)

C-Set (source: EP US)

B01D 2311/04 + B01D 2311/10

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CN105358191A; JP2014514075A; EP4015013A1; CN109562215A; CN111493824A; US9861733B2; US10155082B2; US9731059B2; US11298446B2; US11413382B2; US9849226B2; WO2015003043A1; WO2016196325A1; WO2019076814A1; US11207454B2; US11364328B2; US11872337B2; DE102011017048A1; WO2012139753A1; US9132220B2; US9907897B2; US10046100B2; US10603424B2; US10610630B2; US10688235B2; US10688234B2; US10898630B2; US11135348B2; US11224684B2; US11433170B2; US11433169B2; US11690941B2; US11717601B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0846470 A1 19980610; **EP 0846470 B1 20030924**; DE 69725104 D1 20031030; DE 69725104 T2 20040701; JP 3025669 B2 20000327; JP H10201842 A 19980804; US 5932110 A 19990803; US 6136201 A 20001024; US 6280634 B1 20010828

DOCDB simple family (application)

EP 97121592 A 19971208; DE 69725104 T 19971208; JP 33721497 A 19971208; US 18650198 A 19981104; US 59081200 A 20000609; US 76207296 A 19961209